

**In the Claims:**

Kindly rewrite claims 1 and 4-5 and add new claim 7 as follows:

1. (Amended) An imaging lidar comprising:  
a pulsed laser for generating at a pulse rate a [line scan] sequence of light beam pulses each having  
a pulse width;  
a spatial discriminator coupled to the pulsed laser for steering the light beam pulse sequence in a  
plurality of line scans describing [to illuminate] an area surrounding a target, each said line scan including  
a plurality of said light beam pulses;  
a photomultiplier tube for detecting energy from said light beam pulses scattered by said target and  
for generating an output signal representative of said scattered light beam pulse[s] energy;  
an image acquisition controller coupled to said pulsed laser and to said photomultiplier tube for  
selecting said pulse width and said pulse rate of said light beam pulses and for generating a display signal  
from said output signal of said photomultiplier tube;  
and a display coupled to said controller for generating an image from said display signal  
representative of said target.

4. (Amended) The imaging lidar of claim 1 wherein said pulse rate is [about 700 KHZ]  
greater than 600 KHz.

5. (Amended) The imaging lidar of claim 1 wherein said controller includes a temporal  
discriminator for gating [gates] said output signal from said photomultiplier tube to select a range interval  
that includes said target.

7. (New) The imaging lidar of claim 1 wherein said image includes no more than one pixel  
representing each of said light beam pulses.

**REMARKS**

**General**

Inventor Richard Scheps is referred to herein as "Applicant".

U.S. Patent 5,822,047 issued on October 13, 1998 to Contarino, et al is referred to herein as  
"Contarino".